## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicants:

Denis Claveloux and Sriram Narayan

Application No.:

09/724,303

Group Art Unit:

RECEIVED 2662

FEB 2 0 2003

Filed:

November 28, 2000

Examiner: Not Assigned

Technology Center 2600

Confirmation No.:

5360

Title:

VIRTUAL LOOP CARRIER SYSTEM WITH NETWORK CLOCK RECOVERY

CERTIFICATE OF MAILING  I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202  on				
Mary Quan				
Typed or printed name of person signing certificate				

## FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

**Assistant Commissioner for Patents** P.O. Box 2327 Arlington, VA 22202

(Filed after payment of issue fee)

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Sir:						
This Ir	nformation Disclosure Statement is submitted: under 37 CFR 1.129(a), or (First/Second submission after Final Rejection)					
[X]	under 37 CFR 1.97(b), or (Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including CPA, or a Request for Continued Examination).					
[ ]	under 37 CFR 1.97(c) together with either:  [ ] a Statement under 37 CFR 1.97(e), as checked below, or  [ ] a \$180.00 fee under 37 CFR 1.17(p), or  (After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)					
[]	under 37 CFR 1.97(d) together with:  [ ] a Statement under 37 CFR 1.97(e), as checked below, and  [ ] a \$180.00 fee under 37 CFR 1.17(p), or  (Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)					
[]	under 37 CFR 1.97(i):					

Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.

<u>Sta</u>	tem	en	t Uno	der 37 C	CFR 1.97(e)	
[ ]		ar	Each item of information contained in this Information Disclosure Statement was first cited in my communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or			
[ ]		No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.				
<u>Sta</u>	<u>tem</u>	en	t Uno	der 37 C	(Patent Term Adjustment) Applies to original applications (other than design) filed on or after May 29, 2000	
		Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.				
[X]		Eı	nclos	ed here	with is form PTO-1449:	
	[X] Copies of the cited references are enclosed.			s of the cited references are enclosed.		
[ ]		Copies of cited references are enclosed except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]				
		[	]	The listed references were cited in the enclosed International Search Report in a counterpart foreign application.		
		[	]	The "c under (	oncise explanation" requirement (non-English references) for reference(s) [ 37 CFR 1.98(a)(3) is satisfied by:	
				[ ]	the explanation provided on the attached sheet.	
				[ ]	the explanation provided in the Specification.	
				[ ]	submission of the enclosed International Search Report.	
				[ ]	submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.	
				f 1	the enclosed English language abstract	

[ ]	Aŗ	pplicant requests that the following non-published pending applications be considered:				
Examiner's Initials	5					
	-		U.S. Patent Application No. [	], by [inventor(s)], filed [	], Docket No.: [ ]	
	-		U.S. Patent Application No. [	], by [inventor(s)], filed [	], Docket No.: [ ]	
	-		U.S. Patent Application No. [	], by [inventor(s)], filed [	], Docket No.: [ ]	
			Examiner	Date	_	
	[	]	A copy of each above-cited app	olication, including the curre	nt claims, is enclosed.	
	[	]	A copy of each above-cited app those entered in prior application 35 U.S.C. 120 is claimed.	olication, including the curre on, U.S. Application No. [	nt claims, is enclosed, except ], to which priority under	
The E refere	xam nces	niner s wei	r is requested to return a copy of re considered with the next office	the above list of pending apple communication.	plications indicating which	
It is re	eque	sted	that the information disclosed h	erein be made of record in the	nis application.	
Metho	od o	f pay	ment:			
[ ]			ck for the fee noted above is encl panying Reply. A copy of this S		cluded in the check with the	
[ ]		ease clos	e charge Deposit Account 08-0380 in the amount of \$[ ]. A copy of this Statement is sed.			
[X]	Ple	ease	se charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.			
			P	Respectfully submitted,		
			H	IAMILTON, BROOK, SMI	TH & REYNOLDS, P.C.	
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Concord, MA 01742-9133 Dated: 2/11/02